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Fig. 1A

Fig. 1B

[illegible]

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exmi008	SVYQNTLANAVTYV	IKGTHUGDLIRLRKSEYMAVAGG	IRLNNKTAQSSIRIRFVADRAA	FFSVVTPGGUGSNR	FVSLKSYSGNY	---	DDHQSDDIRFAEIIITP	PLPSSN	---	IQNDVEHQANS	FQSDVNNV	VDH	661				
cry1aa	STNIGSGTSV	VGGPHTGGDLIRLRKSPG	---	QISTLRVNTAPLSORVVRIRV	ATNLOPFTSIDG	---	SNHQSCEIRVGEITP	PNFNSG	---	SSVFTLSARVNSG	NEVYDOR	---	600				
cry1ac	GRIFNFGSVI	S	GGPHTGGDLVRMSSGN	---	NIONGVIEVP	THFFSTSTP	---	SVPIHLMQUGN	---	SSIFNTVPATATSL	---	N	---	IVGVNFP	SGTAGV	602	
cry1la	ATMSSGAAY	VGGPHTGGDLIRLRKSPG	---	TGTFGRVNVNPPAQRVRIKVA	STDLQPHTSING	---	KATMOGNTSATMNG	---	EDDNGKIRVGEITP	PFSLDY	---	QSTFTIGAMNF	SSGNEVYDOR	---	603		
cry2aa	RTFSEKFGH	Q	GGPHTGGDLIRLRKSPG	---	TTARTYLRGKNSMLLVESIGHSIRV	NGRGRVYVNSWNTITNDGVN	---	DNGARSDINIGHVASDNTVY	---	LDNVTLNSGTVPDMMH	---	---	---	---	---	645	
cry3aa1	AYKQSCASV	VGGPHTGGDLIRLRKSPG	---	NGSAATYVTPDVSYSQKFAEIVASTQITP	TSIDG	---	APFNQYTFDKTMKG	---	DITVNSANLASSTPFE	LSG	---	NNIQICVTG	LSAGDKV	---	---	621	
cry3Bb	AYALSSGAST	TEGGPHTGGDLIRLRKSPG	---	NSIAKFKVTLMSAALQORVRIKVA	STMLRLPQMSN	---	MDFLVIYINKTKMKG	---	DDNVQV	EDLATNSNMGFGSD	---	KNEIIGCAES	FVSENEK	---	---	644	
cry4aa	ANSUGTASKV	VGGPHTGGDLIRLRKSPG	---	COHNSFQSGFIRKINSSG	---	SANTRAVI	---	MLSIPGVAELCHALNP	PTSGDYTMMDKQVYLE	SENEVKFAPH	---	QNISLVFNRS	SDVIVNTITV	---	---	671	
cry4Ba	SNFIMATAKY	IKGHTGGDLIRLRKSPG	---	LSGRMEIQCKTSIFENDPTRSGCIRIRV	ANSPVILMSYVL	---	QGVSRGTTISTESTSRPN	---	IIPTDQTEFRVYKDP	DAIVPRLLSSNOLITAE	---	QPLNMTSMNQ	---	---	---	627	
cry6Aa	MYRDDPSTV	VGGPHTGGDLIRLRKSPG	---	TUVIGD	IKATVNSP	LSQKORVRIKVA	---	NSGOTM	---	TKITLQ	TKFQNTVET	IGEG	---	---	---	---	630
cry7Aa	GMNVFGSVI	VGGPHTGGDLIRLRKSPG	---	PSILGTA	VTWNGSL	SOQRVRIKVA	---	STDFETATYIG	---	DTTEKMR	FNKTDNG	---	---	---	---	---	655
cry8Aa	AKSSDSKGVK	GGPHTGGDLIRLRKSPG	---	FRVFLK	NSRQ	ORVRIKVA	---	NAKTYV	---	ELTGIDTIS	VELP	---	STTSQMPN	---	---	---	643
cry16Aa	ASSNGSISI	EGGPHTGGDLIRLRKSPG	---	GLTERF	KAELDK	ORVRIKVA	---	KCNYSK	---	IPRKKGEGY	QOQIHNI	---	SPTYG	---	---	---	641
cry19Ba	TMLAGANLIK	GGPHTGGDLIRLRKSPG	---	FLSIRIK	---	LIASTH	---	IRIRVAK	---	NISGOM	---	UIG	---	YONPTYN	LIITPSRDY	---	631
cry24Aa	AYERKGNSS	VGGPHTGGDLIRLRKSPG	---	VMSFKV	YCELSK	ORVRIKVA	---	SHGECQ	---	TLERKRP	STGVAP	---	ROUAMH	---	QGTIFS	---	642
cry25Aa	TYRCHPMIK	GGPHTGGDLIRLRKSPG	---	DLOYD	LRSDY	DDRLTE	---	DPVPRIRIK	---	CAISIGV	STISQDNMG	---	SSSPQV	TVASTAAS	---	---	650
cry39Aa1	GDYQGYGVK	GGPHTGGDLIRLRKSPG	---	DLOYD	LRSDY	DDRLTE	---	DPVPRIRIK	---	CAISIGV	STISQDNMG	---	SSSPQV	TVASTAAS	---	---	627
cry40Aa1	AYDSDTCP	GOVI	AGCHTGGCWV	SLP	---	YYSRLK	IRLRKSPG	---	ASTNMKML	---	VRVNTSTSHGR	---	ULGRVSPSS	---	IIHNSYFF	LPSTGPG	634
																	6 5 F
																	6 6D4
																	6 6D4

exmi008	IEFIPNTITL	IEYEGEND	IRKTKNAD	DDFTN	:	693		
cry1aa	IEFIPAEV	IEFAE	---	YDLERAK	AKVAB	IFTS	:	629
cry1ac	IEFIPATL	IEFAE	---	YDLERAK	AKVAB	IFTS	:	631
cry1la	IEFIPAEV	IEFAE	---	YDLERAK	AKVAB	IFTS	:	666
cry2aa	IEFIPNL	IEPLV	---	---	---	---	:	633
cry3aa1	IEFIPN	---	---	---	---	---	:	652
cry3Bb	IEFIPNOL	---	---	---	---	---	:	652
cry4aa	IEFIPNIT	IEIRE	DEKOKLE	YQOL	IEHTFAN	:	703	
cry6Aa	IEFIPSTU	IEVDENON	IESE	IEVE	IEALFTN	:	639	
cry7Aa	IEFIPD	IEVYAK	---	---	---	---	:	659
cry8Aa	IEFIPD	IEVE	---	---	---	---	:	684
cry10Aa	IEFIPQ	IEVLD	IEKON	IEK	IEK	IEK	:	675
cry19Ba	IEFIPIC	IEUNO	AGCYD	TYD	ONANG	IEYONYS	:	648
cry24Aa	IEFIPIS	IEGAE	IEYEGK	IE	IE	IE	:	663
cry25Aa	IEFIPN	IEPLSE	---	QENKS	YDS	IEFLN	:	674
cry39Aa1	IEFIPNT	IEYEG	IEK	IEK	IEK	IEK	:	675
cry40Aa1	IEFIPN	IEV	IEV	IEV	IEV	IEV	:	659
								6E6P

Fig. 1C

Fig. 2A

Fig. 2B